

Electrical Engineering
COURSES TAKEN AS A GCC STUDENT

Course Credits

Year 1

Fall	MATH 108 Calculus 1 4.0 CR	COM 101 English 1 3.0 CR	CHM 111 Chem 1 4.0 CR	SOC 130 3.0 CR	ENR 101 Freshman Engr Design 3.0 CR	14.0 CR	GCC
Spring	MATH 122 Calculus 2 4.0 CR	COM 102 English 2 3.0 CR	CHM 112 Chem 2 4.0 CR	PHY 201 Physics 1 4.0 CR	ENR 207 Materials 3.0 CR	18.0 CR	GCC

Year 2

Fall	ENR 211 Engineering Statics 3.0 CR	PHY 202 Physics 2 4.0 CR	MATH 221 Calculus 3 4.0 CR	CSE 111 4.0 CR	Humanities Elective 3.0 CR	18.0 CR	GCC
Spring	MAT 205 Differential Equations 4.0 CR	BIO 101 Biology 4.0 CR	Humanities Elective/ Soc Science 3.0 CR	Physical Education Elective 1.0 CR	MAT 202 Linear Algebra 3.0 CR	15.0 CR	GCC

65.0 CR

COURSES TAKEN AS A DREXEL STUDENT

Year 3

Fall	MATH 221 Discrete Mathematics 3.0 CR	ECE 203 Java for Engineers 3.0 CR	ENGR 201 EPED 1 3.0 CR	ECE 200 Logic Design 3.0 CR	12.0 CR	DU
Winter	Engr 210 Thermodynamics 3.0 CR	ENGR 220 Materials 3.0 CR	ENGR 202 EPED 2 3.0 CR	ECE 201 Circuits 3.0 CR	12.0 CR	DU
Spring	ECES 302 Transform Methods 4.0 CR	ECEE 302 Electronic Devices 4.0 CR	ECEL 301 LAB 1 2.0 CR	HIST 285 Hist in Tech Perspective 3.0 CR	13.0 CR	DU
Summer	MATH 291 Vector & Complex 4.0 CR	ECEE 352 Analog Electronics 4.0 CR	ECEL 302 LAB 2 2.0 CR	ECEC 304 Microcontrollers 4.0 CR	14.0 CR	DU

Year 4

Fall	ENGR 361 Stat of Engr Systems 3.0 CR	ECEE 304 EM Fields 4.0 CR	ECEL 303 LAB 3 2.0 CR	ECES 306 Mod and Coding 4.0 CR	COOP 101 0.0 CR	13.0 CR	DU
Winter	ECES 354 Wireless Communication 4.0 CR	ECES 352 Intro to DSP 4.0 CR	ECEL 304 LAB 4 2.0 CR	PHIL 315 Engineering Ethics 3.0 CR		13.0 CR	DU
Spring	CO-OP					0.0 CR	DU
Summer						0.0 CR	DU

Year 5

Fall	ECE 491 Senior Design I 2.0 CR	ECES 433 Senior DSP 4.0 CR	ECE Tech Elective 3.0 CR	Liberal Elective 3.0 CR	12.0 CR	DU
Winter	ECE 492 Senior Design II 2.0 CR	ECES 434 Senior DSP 4.0 CR	ECE Tech Elective 3.0 CR	Free Elective 3.0 CR	12.0 CR	DU
Spring	ECE 493 Senior Design III 4.0 CR	ECEE 434 Senior DSP 4.0 CR	ECE Tech Elective 3.0 CR	Free Elective 3.0 CR	14.0 CR	DU

** Course offerings are subject to change.

	Non-major specific Drexel classes
	Major specific Drexel classes
	Classes taken at BCC
	Co-op

77.0 BCC semester credits transfer as 99.0 Drexel quarter credits

115 Drexel quarter credits offered at BCC

TOTAL 214.0 CR